

Claims

1. A microporous heat insulation body consisting of a core of a compressed heat insulation material containing from 30 to 90 % by weight of a finely divided metal oxide and further additives, wherein one or both surfaces thereof have a cover of a heat-resistant material, characterized in that the covers are the same or different and at least one side consists of prefabricated mica sheets.
2. The microporous heat insulation body according to claim 1, characterized in that the cover consists of a prefabricated mica sheet on both sides.
3. The microporous heat insulation body according to claim 1 or 2, characterized in that said further additives are from 0 to 30 % by weight of an opacifier, from 0 to 10 % by weight of a fibrous material, and from 0 to 15 % by weight of an inorganic binder.
4. The microporous heat insulation body according to any one of claims 1 to 3, characterized in that the core contains from 2 to 45 % by weight, preferably from 5 to 15 % by weight of xonotlite.
5. The microporous heat insulation body according to any one of claims 1 to 4, characterized in that the core has a thickness of from 3 to 10 mm, preferably from 5 to 7 mm.
6. The microporous heat insulation body according to any one of claims 1 to 5, characterized in that the cover is adhered to the core.

The microporous heat insulation body according to any one of claims 1 to 5, characterized in that the core and the cover are heat-sealed within a sheet.

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